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(54) Title: HEAT TRANSFER FLUIDS FOR LOW TEMPERATURE APPLICATION COMPRISING AROMATIC HYDROCAR-BONS

(57) Abstract: Heat transfer fluids which can be used over a broad range of temperatures such as from -125 °C to +175 °C are disclosed. These transfer fluids consist essentially of a mixture of two either narrowly defined structurally non-identical alkyl- or polyalkyl-benzene components or a mixture of a narrowly defined aromatic alkyl- or polyalkyl-benzene component and an aliphatic hydrocarbons component. The level of the various ingredients is such that the transfer fluids exhibit a cloud point below -100 °C, a vapor pressure at +175 °C below 827 kPa and a viscosity, measured at the cloud point temperature +10 °C, below 400 cP.

